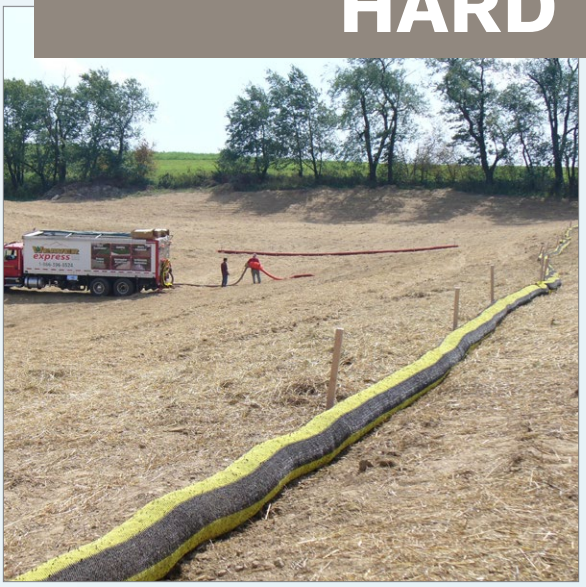
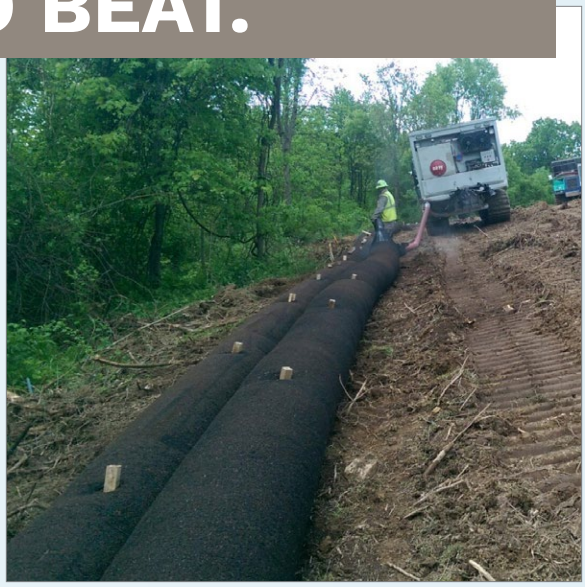
filtrexx®
SUSTAINABLE TECHNOLOGIES

BLOWER TRUCK MESH

EASY TO INSTALL.
HARD TO BEAT.





The mesh you choose matters. Filtrexx Blower Truck Mesh is the original compost sock mesh for field installation with blower trucks or track machines.

Reliable and durable, four unique mesh types ensure the right fit for your job. Save time and money with easy to use rucked material.

FILTREXX BLOWER TRUCK MESH SPECS

Product Name	BASIC Blower Truck Mesh	BASIC PLUS+ Blower Truck Mesh	DURABLE Blower Truck Mesh	NATURAL ORIGINAL Blower Truck Mesh
Mesh Material Type	5mil High Density Polyethylene (HDPE)	Multi-Filament Polypropylene (MFPP)	Multi-Filament Polypropylene (MFPP)	All Natural Biodegradable Cotton Fiber
Uses	On-site blower truck installation	On-site blower truck installation	On-site blower truck installation	On-site blower truck installation
Mesh Opening Size	3/8"	3/8"	1/8"	1/8"
Diameters	8", 12", 18"	8", 12", 18", 24", 32"	8", 12", 18", 24", 32"	5", 8", 12"
Functional Longevity/ Project Duration[1]	up to 4 yr	up to 4 yr	up to 5 yr	up to 12 mo
Tensile Strength (ASTM D4595)[2]	MD: 211 lbs TD: 79 lbs	MD: 236 lbs TD: 223 lbs	MD: 545 lbs TD: 226 lbs	MD: 193 lbs TD: 158 lbs
Packaging	Rucks	Rucks	Rucks	Rolls
Mesh Color	yellow/black (8") orange/black (12") red/black (18")	black	black	beige

NEW
See TechLink #3342 for details

[1]Functional longevity ranges are estimates only. Site specific environmental conditions may result in significantly shorter or longer time periods.
[2]Tensile Strength is based on 12" diameter using ATSM D4595. See Filtrexx TechLink #3342 for full tensile strength testing.

BASIC Blower Truck Mesh
Meet all specs with this versatile, economical mesh that is good for most applications.

BASIC PLUS+ Blower Truck Mesh
Meets or exceeds specs with higher durability. Available in larger diameter sizes for any project.

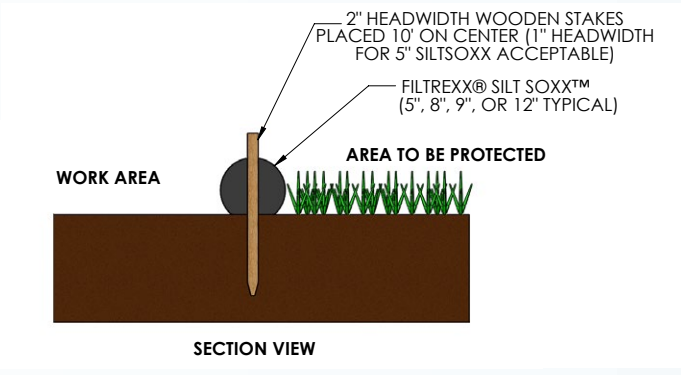
DURABLE Blower Truck Mesh
Our most durable blower truck mesh meets durability, strength and longevity needs for standard applications. Available in larger diameter sizes for any project. Now available on rucks.

NATURAL ORIGINAL Blower Truck Mesh
This 100% cotton mesh is biodegradable, eliminating the need for field removal. Functional field longevity up to 12 months. Meets applicable federal/state specifications for natural and biodegradable materials.

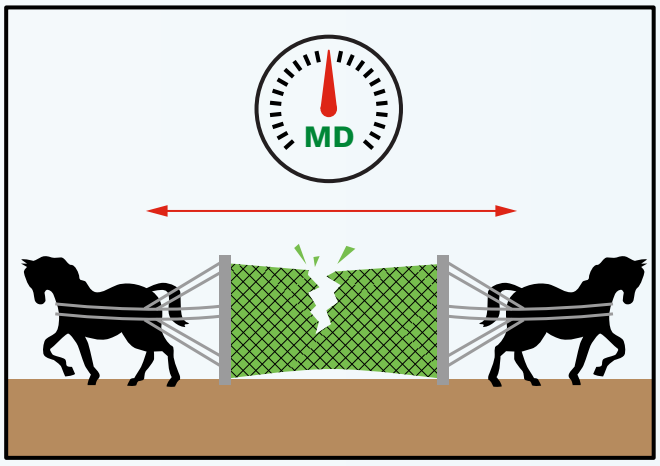
View the Filtrexx Catalog for full item listings.

DESIGN DRAWINGS

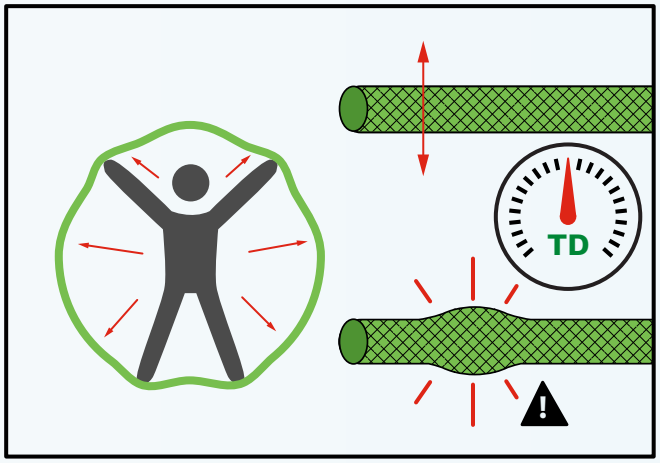
Refer to Design Specifications for complete application, design, installation, maintenance, and removal documentation at **www.filtrexx.com/specs**



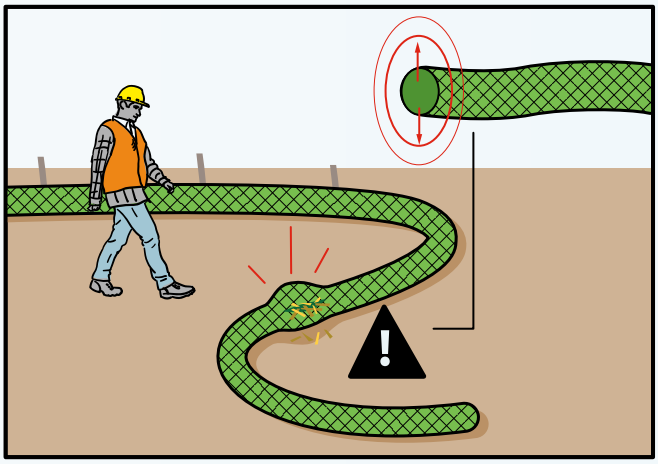
ABOUT MESH TENSILE STRENGTH



Tensile Strength: Machine Direction



Tensile Strength: Transverse Direction



Tensile Strength: Transverse Direction
Affects the filling process and maintenance after installation.

What is tensile strength?
Tensile strength is the amount of force needed to break a material when stretching it apart.

How is tensile strength measured?
Tensile strength is measured in units of pounds per square inch (cross sectional area). In the case when the material is very thin, like film and fabric, tensile strength is measured in pounds only.

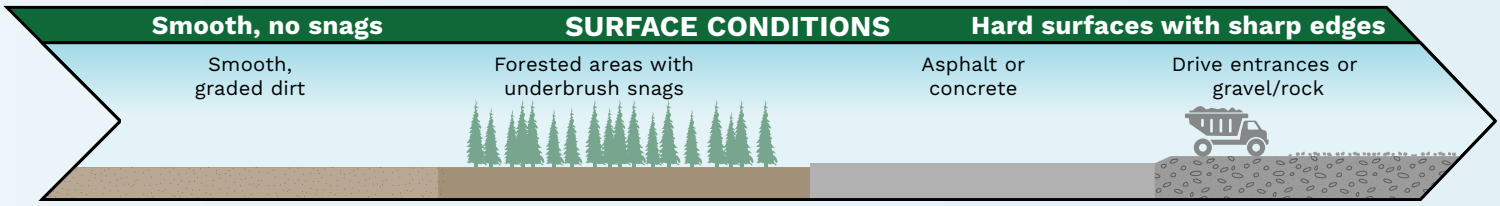
Filtrexx now uses the test method ASTM D4595 – *Standard Test Method for Tensile Properties of Geotextiles by the Wide-Width Strip Method*. This test method is the most accurate for testing loose knit materials used for compost sock mesh. This test method measures both machine direction (MD) and transverse direction (TD). MD measures the strength and resistance of the mesh from breaking when pulled lengthwise. TD measures the strength and resistance of the mesh from breaking when pulled widthwise.

Why is tensile strength important?
Poor tensile strength can lead to compost filter sock mesh rupturing or even completely falling apart when removed from a pallet, moved from one location to another, during the installation process, or even once storm water flow contacts the product. MD affects the filling, palletizing, and installation process of compost filter sock. TD affects the filling process and maintenance after installation of compost filter sock.

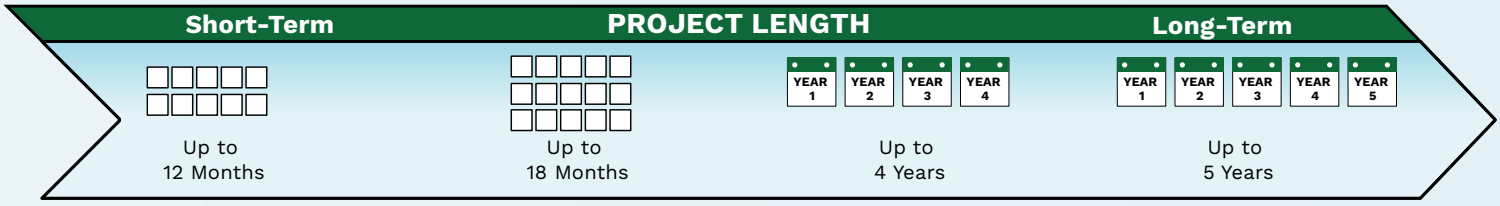
Filtrexx has engineered a line of mesh products with various tensile strengths to meet specific applications and site conditions. To learn more about tensile strength and our research, read Filtrexx TechLink #3342, Tensile Strength Testing for Filtrexx Mesh Materials.

MESH SELECTION GUIDE

Trying to pick the right mesh for your job? Our Mesh Selection Guide below helps you determine the best fit. Or, contact us at info@filtrexx.com for recommendations or to request samples.



- NATURAL ORIGINAL
- BASIC
- BASIC PLUS+
- DURABLE



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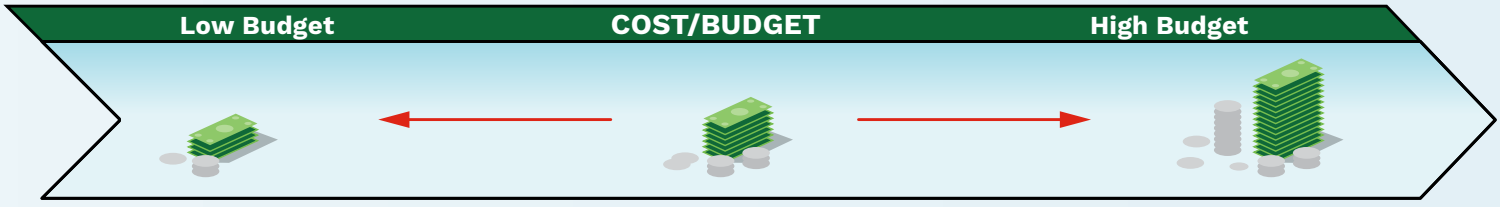

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BMP COMPARISON: TOTAL SOLIDS (TS) REMOVAL EFFICIENCY

Sediment Control Device	Product Size	Removal Efficiency*
Filtrexx SiltSoxx[1]	**12 in**	**97%**
Filtrexx SiltSoxx[1]	**8 in**	**82%**
Silt fence[2]	24 in	72%
Straw wattle[1]	20 in	70%
Tire-chip wattle[1]	9.5 in	69%
Off-spec filter sock[1]	12 in	66%
Rock/gravel bag[3]	N/A	16%

The performance difference between compost filter socks that adhere to federal and state specifications for mesh and media versus those that do not meet these specifications is quite substantial.

Scientific research shows that 8-inch SiltSoxx performs better than 12-inch off-spec filter sock, generating 43% less tons/acre of sediment[1], underscoring the importance of using the proper media and mesh. Filtrexx® FilterMedia™ is certified to meet the necessary flow-through rates specified by both the USEPA and most state regulators.

Sources:
[1]Data from TRI-Environmental, ASTM D6459. See Filtrexx TechLink #3333. [2]Silt fence data from San Diego State University, Modified ASTM D6459. See Filtrexx TechLink #3331. [3]Rock/gravel bag data from Soil Control Lab, ASTM D3977-97C. See Filtrexx TechLink #3332. *Removal efficiency performance may vary under conditions different from those tested and reported here.

Failures of these BMPs require regular maintenance, extra costs and fees.

Silt fence failures such as this require regular maintenance, contributing to a much higher overall project cost.

More staking on straw wattles creates more low points, which are more likely to overtop.

Devices with low flow-through rate, such as off-spec filter sock, overtop faster due to increased ponding & hydraulic pressure behind the device.

Filtrexx Blower Truck Mesh in compliance with most state & federal agencies including:

US Army Corps of Engineers

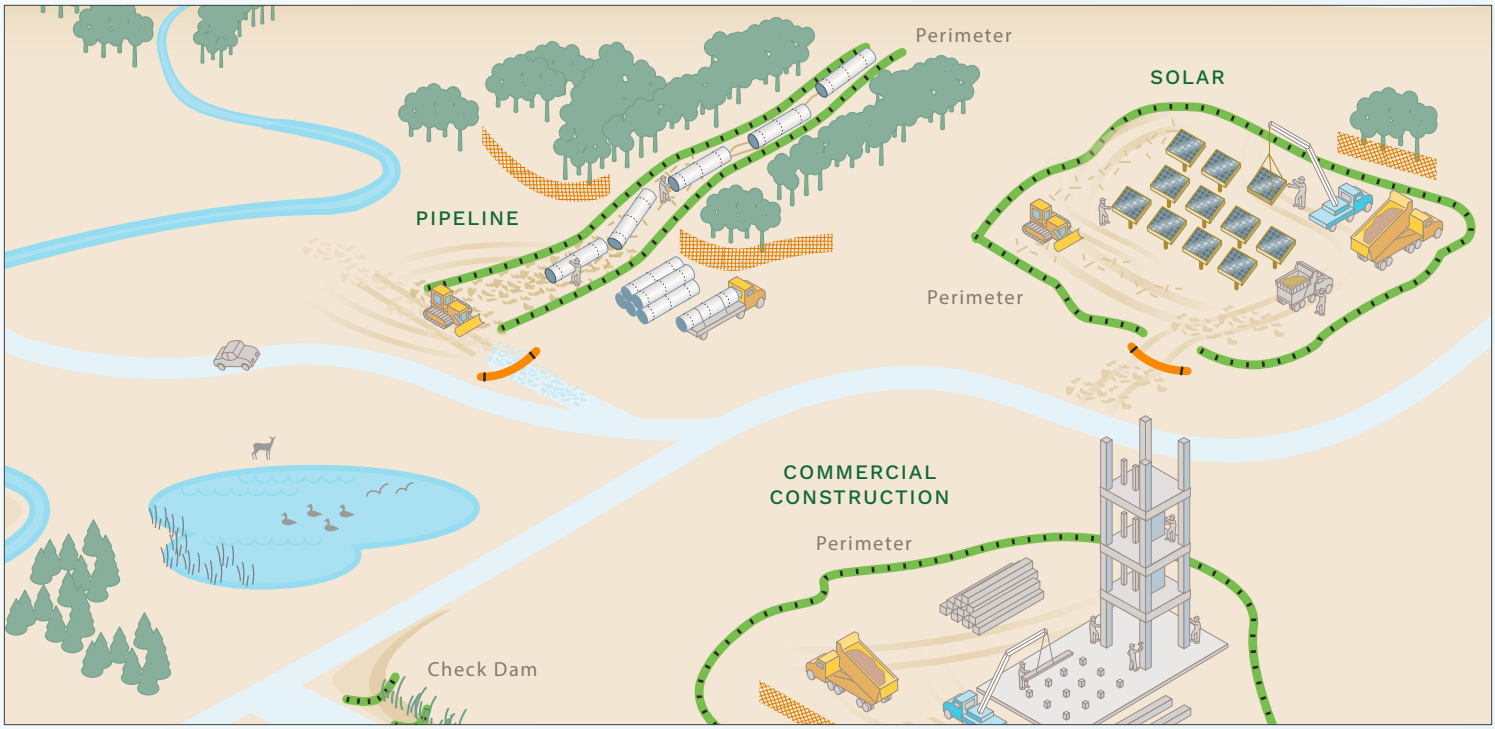
USDA NRCS

Made in USA

Use Filtrexx Blower Truck Mesh for a variety of applications and industries

FILTERS SEDIMENT

ALL NATURAL OPTIONS



APPLICATIONS

- PERIMETER CONTROL
- INLET PROTECTION
- CHECK DAM
- SLOPES
- RUNOFF DIVERSION

INDUSTRIES

- COMMERCIAL CONSTRUCTION
- HOMEBUILDING
- OIL & GAS
- PIPELINES
- POWER & UTILITY
- SOLAR & WIND

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